SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

ADDITION OF A LATENT LEAKAGE TEST TO THE TESTING OF THE P/N 895 SERIES CYLINDER & REGULATOR ASSEMBLY

1. BACKGROUND
   A. A latent leak test will be added to the Assembly section of CMM 35-28-95 P/N 895 Series Cylinder & Regulator Assembly. This test will be incorporated into the CMM at the next revision. After this test has been added to the CMM, this SIL will no longer be current.
   B. You are authorized to copy this SIL. If you copy this SIL, you must copy all of the SIL.

2. EFFECTIVITY
   This SIL affects all end items in the 895 Series whether removed from an aircraft or from spares inventory.

3. MATERIALS
   All tools and materials are identified in CMM 35-28-95.

4. ACCOMPLISHMENT OF SIL
   A. Functional Testing
      This SIL changes the test procedures in the ASSEMBLY section of CMM 35-28-95.

   B. Perform this Latent Leak Test at the time of the next service or overhaul.

   WARNING: FAILURE TO USE ONLY PURE, TEST GAS (NOT OIL PUMPED) MAY CAUSE AN EXPLOSION OR FIRE RESULTING IN SERIOUS PERSONAL INJURY OR DEATH.

   C. Oxygen contaminated with oil can ignite with explosive force. Do not, under any circumstances use oil pumped test gas. Even a minute quantity of oil will cause contamination of the CVA and test equipment.

   WARNING: FAILURE TO FULLY DISCHARGE THE OXYGEN FROM THE CVA, COMPONENT PARTS, OR TEST SETUP PRIOR TO DISASSEMBLY OF ANY PART MAY CAUSE SERIOUS PERSONAL INJURY OR DEATH.

   D. High pressure oxygen is a hazardous material. When pressurized oxygen is discharged intentionally or due to equipment failure, the released energy can be highly destructive if not properly controlled. Fully discharge the oxygen from the CVA, component parts, and test setup prior to disassembly of any part.

   WARNING: FAILURE TO REFER TO AND FOLLOW APPLICABLE MANUFACTURER'S OR SUPPLIER'S MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USING CONSUMABLE TEST MATERIALS SPECIFIED IN THIS MANUAL, MAY RESULT IN SERIOUS PERSONAL INJURY, ILLNESS, OR DEATH.

E. Some consumable test materials used in this manual may be toxic under certain conditions. Material Safety Data Sheets provide information on chemical makeup, properties, and precautions for handling potentially hazardous substances which may affect health risks, storage, disposal, and other workplace safety factors.

F. Latent Leak Test

Perform this test after the leakage test in step 11.C.(3) in the ASSEMBLY section of CMM 35-28-95. Refer to SIL-35-64 for the Test Data Sheet.

(1) Latent Leakage Test: 48 hours after the test in 11.C.(3) repeat the test.

5. Reference Documents

A. CMM 35-28-95 P/N 895 Series Cylinder & Regulator Assembly

B. SIL-35-64 Test Data Sheet for CMM 35-28-95

6. TO CONTACT AVOX SYSTEMS:

A. Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

First tier operators:

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B. To have an AVOX Systems component serviced or overhauled:

AVOX-EROS Services
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C. To buy replacement parts for an AVOX Systems component, contact any IN-Services location listed in Section B above.